

CLAIMS.

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1.- A display pixel module for use in a configurable large-screen display application, with an array of pixels (122) mounted at the front (200) of the module (120) and provided with input and output connectors (206-207), characterized in that at least some of the side walls (202) and of the upper and lower walls (203-204) are tapered inwardly, enclosing an angle (A) with the front (200) and in that it is provided with mounting means to fix the module on a mounting surface of a display.

2.- A display pixel module according to claim 1, characterized in that the side walls (202), the upper wall (203) and the lower wall (204) are all tapered inwardly.

3.- A display pixel module according to claim 1, characterized in that said mounting means are formed by at least two clips (208) protruding from the rear (201) of the pixel module (120).

4.- A display pixel module according to claim 3, characterized in that each clip (208) includes a clip notch (209) that further includes a clip stop (210) and a clip notch taper (211).

5.- A display pixel module according to claim 4, characterized in that the clip notch taper forms an angle with respect to the longitudinal axis of clip (208).

6.- A display pixel module according to claim 1, characterized in that the housing of the module is provided with notches (214) which allow access to the clips (208) from the front of the pixel module (120).

7.- A display pixel module according to claim 1, characterized in that the pixels are formed by light-emitting diodes (LEDs).

8.- A display pixel module according to claim 1, characterized in that it comprises a housing which is formed of an enclosure (212) which is covered at the front by means of a shader (213).

9.- A display pixel module according to claim 8, characterized in that the enclosure (214) is provided with a plurality of assembly snaps (216) which can cooperate with a plurality of corresponding holes (215) of the shader (213).

10.- A display pixel module according to claim 6 and 8, characterized in that said notches (214) which allow access to the clips (208) are provided in the shader (213).

11.- A display pixel module according to claim 8, characterized in that the shader (213) has a texture to improve the contrast of the display.

12.- A display pixel module according to claim 8, characterized in that the enclosure (212) accommodates a pixel printed circuit board (217) on which said array of

pixels (122) is mounted.

13. A display pixel module according to claim 8, characterized in that the enclosure (212) accommodates a driver printed circuit board (219) which is equipped with an input connector (206) and an output connector (207), both connectors protruding through apertures in the rear of the enclosure (212).

14.- A display pixel module according to claim 12 and 13, characterized in that the driver printed circuit board (219) is equipped with a board-to-board connector (220) that can cooperate with a corresponding connector on the pixel printed circuit board (217).

15:- A display pixel module according to claim 12 and 13, characterized in that the pixel printed circuit board (217) and the driver printed circuit board (219) are interconnected by means of a flexfoil.

16.- A display pixel module according to claim 13, characterized in that driver printed circuit board (219) is provided with a metallic mount (221) to make contact with a screw (222) that can be grounded.

17.- Display, characterized in that it comprises a plurality of pixel modules (120) according to any of the claims 1 to 16, which are arranged on a suitable mounting surface to form a 2D or 3D display.